



# Department of Defense DIRECTIVE

NUMBER 4705.1

July 9, 1992

Certified Current as of December 8, 2003

---

---

ASD(P&L)

SUBJECT: Management of Land-Based Water Resources in Support of Contingency Operations

References: (a) DoD Directive 4705.1, subject as above, October 11, 1983 (hereby canceled)  
(b) [DoD Directive 8320.1](#), "DoD Data Administration," September 26, 1991  
(c) DoD Directive 5000.12-M, "DoD Manual for Standard Data Elements," July 1989

## 1. REISSUANCE AND PURPOSE

This Directive:

1.1. Reissues reference (a) to update policy, responsibilities, and procedures for management of land-based water resources in support of contingency operations to ensure inter-Service compatibility and interoperability of water support equipment.

1.2. Designates the Secretary of the Army as the DoD Executive Agent for land-based water resources.

## 2. APPLICABILITY AND SCOPE

This Directive:

2.1. Applies to the Office of the Secretary of Defense, the Military Departments, the Chairman of the Joint Chiefs of Staff and the Joint Staff, the Defense Logistics Agency, the Defense Intelligence Agency, and the Defense Mapping Agency (DMA) (hereafter referred to collectively as "the DoD Components"). The term "Military Services," as used herein, refers to the Army, the Navy, the Air Force, and the Marine Corps.

2.2. Applies to all aspects of land-based water support for the U.S. Armed Forces during contingency operations, including water detection, pumping, purification, storage, distribution, cooling, consumption, water source intelligence, research and development (R&D), acquisition of water support equipment, water support operations doctrine, human factors requirements, training, and water support force structure.

2.3. Does not apply to:

2.3.1. Fixed installation water supply facilities management, either in the continental United States or overseas. That function is the responsibility of the engineers of the Service components of the geographically based Unified Commanders.

2.3.2. The policy, procedures, design, construction, quality standards, or other matters about peacetime water supply activities.

2.3.3. Shipboard or aircraft water systems designed for internal use.

### 3. POLICY

It is DoD policy to provide the DoD Components with a means for managing water resource requirements during contingency operations.

### 4. RESPONSIBILITIES

4.1. The Under Secretary of Defense (Acquisition) shall:

4.1.1. Establish DoD policy on all land-based water resource matters.

4.1.2. Coordinate with the DoD Executive Agent for land-based water resources to ensure:

4.1.2.1. That necessary actions are taken and funding obtained to ensure that water support equipment acquisitions keep pace with the development of operational plans and force structure.

4.1.2.2. The development of a water support technology R&D and equipment acquisition plan to support operations in all environments.

4.1.2.3. The development of an improved, expanded, and automated water resource intelligence data base for the rapid retrieval of selected data.

4.2. The Secretary of the Army, in addition to the responsibilities in paragraph 4.3., below, shall:

4.2.1. In coordination with the other Military Department Secretaries and the Chairman of the Joint Chiefs of Staff, develop and implement policy on plans, procedures, and requirements for water resources in support of land-based forces.

4.2.2. Advise the Under Secretary of Defense (Acquisition) of significant developments on water resource research, equipment acquisition, and doctrine.

4.2.3. Establish procedures for coordination of all DoD Component regulatory documents and plans affecting water resource planning for employment and support, R&D, and equipment acquisition under section 3., above.

4.2.4. Develop and maintain an improved, expanded, and automated water resources intelligence database for the rapid retrieval of information on an area or point basis to assist the Commanders of the Unified Commands in making water support logistics decisions. The database shall be developed, in accordance with DoD Directive 8320.1 (reference (b)). Existing DoD standard data elements from DoD 5000.12-M (reference (c)) shall be used, when practicable, in the development of the database.

4.2.5. Provide data on the location, quantity, and quality of land-based water resources to the DMA for incorporation into its terrain analysis program.

4.2.6. Establish a water resources management action group as a mechanism to coordinate and resolve water support issues.

4.2.7. Through the Program Objectives Memorandum (POM) submissions, ensure that resources are programmed to support the requirements of the combatant commands.

4.3. The Secretaries of the Military Departments shall:

4.3.1. Develop, program, and budget for inter-Service water resource materiel, including R&D, in support of the Commanders of the Unified Commands' operational plans.

4.3.2. Provide the DoD Executive Agent (i.e., the Navy and the Air Force) information on land-based water resource programs.

4.3.3. Develop and promulgate inter-Service water resource employment and support doctrine that is compatible with doctrine.

4.3.4. Designate representatives to the water resources management action group.

4.4. The Chairman of the Joint Chiefs of Staff shall:

4.4.1. Provide guidance on water resource support for operation plans.

4.4.2. Ensure that the Commanders of the Unified Commands review operational plans to assess the adequacy of water resource support for deployed forces.

4.4.3. Develop, in coordination with the appropriate DoD Components, doctrine and water consumption planning factors for the employment of water resources.

4.4.4. Monitor the POM submissions of the Military Departments to ensure that programmed resources support validated requirements.

4.4.5. Designate representatives to the water resources management action group.

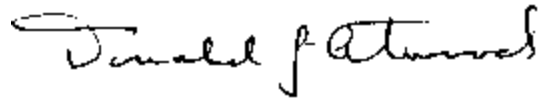
4.5. The Commanders of the Unified Commands shall provide prioritized force and materiel requirements for water support and other requested management data to the Executive Agent.

## 5. PROCEDURES

The water resources management action group shall consist of representatives of the DoD Components who shall meet, at the call of the DoD Executive Agent, to coordinate and resolve issues on water support.

6. EFFECTIVE DATE

This Directive is effective immediately.

A handwritten signature in cursive script, reading "Donald J. Atwood".

Donald J. Atwood  
Deputy Secretary of Defense